

Converting Colors

Hex(B94DFB)

Have a look what the booklet for
Hex(B94DFB) contains.

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Color

Hex(B94DFB)

Conversions

Conversions Part 1

Format	Color
Hex	B94DFB
RGB	185, 77, 251
RGB Percent	73%, 30%, 98%
CMY	0.2745, 0.6980, 0.0157
CMYK	0.26, 0.69, 0.00, 0.02
HSL	277°, 96%, 64%
HSV	277°, 69%, 98%
XYZ	40.0740, 22.5871, 93.5144
YIQ	129.1280, 8.5140, 77.0100

Conversions

Conversions Part 2

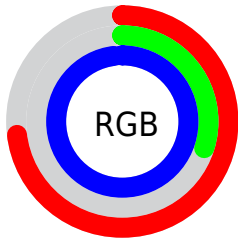
Format	Color
RYB	185, 77, 251
Decimal	12144123
CIELab	54.64, 70.42, -68.31
CIELCh	55, 98.110, 315.874
Yxy	22.5871, 0.2566, 0.1446
Android (android.graphics.Color)	4290334203 (0xFFB94DFB)
YUV	129.1280, 60.0829, 48.9997
Hunter-Lab	47.5259, 67.3418, -83.3940

Details

The Hex color **B94DFB** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **8FFB4D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **F586FF**, and **7E00C1** is the 20% darker color. If you saturate the color by 10%, you get **AF34FB**, and if you desaturate by 10%, it is **C366FB**.

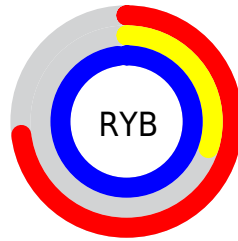
Distribution



Red (73%)

Green (30%)

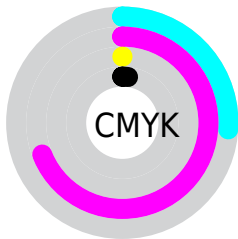
Blue (98%)



Red (73%)

Yellow (30%)

Blue (98%)

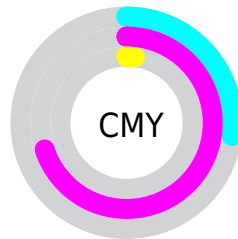


Cyan (26%)

Magenta (69%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (70%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color B94DFB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B94DFB by changing the saturation by 10% instead.

 B94DFB

 B94DFB

FFFFFF

 9B2FDE

 F586FF

 7E00C1

 FFA2FF

 6100A5

 FFBFFF

 43008A

 FFDCFF

 220070

 FFF9FF

 000057

 00033E

 000327

 000111

 B94DFB

 B94DFB

 AF34FB

 C366FB

 A61BFB

 CC7FFB

 9C02FB

 D698FB

 9C00FB

 DFB1FB

 E9CBFB

 F2E4FB

 FCFDFB

 FFFFFB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007FFF



B94DFB



FF00AF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B94DFB



C07000



00A5AF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B94DFB



8FFB4D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A256



B94DFB



768D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B94DFB



F63A00



009B00



00A3FD

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B94DFB



FF0076



009B00



00A492

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B94DFB



EBC9FF



4D90FB



736080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B94DFB



AF2BFF



FB4DE7



78707D



7500BD



26003D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FB4D8F



FF2B7C



4DFB61



7D7075



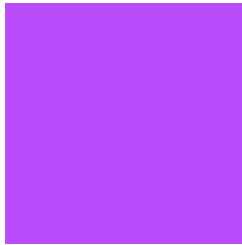
BD0048



3D0017

Previews

White Background



This preview shows how the Hex color B94DFB looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

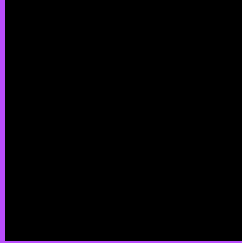
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B94DFB Background



This preview shows how black text looks on a background with the Hex color B94DFB.

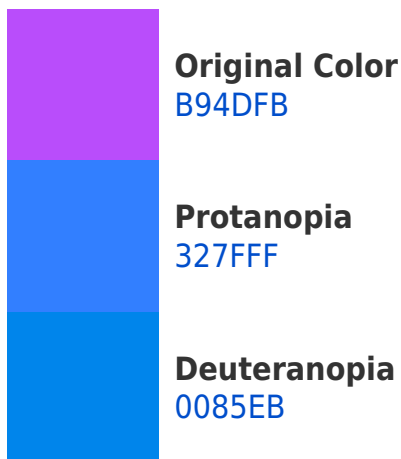



This preview shows how white text looks on a background with the Hex color B94DFB.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

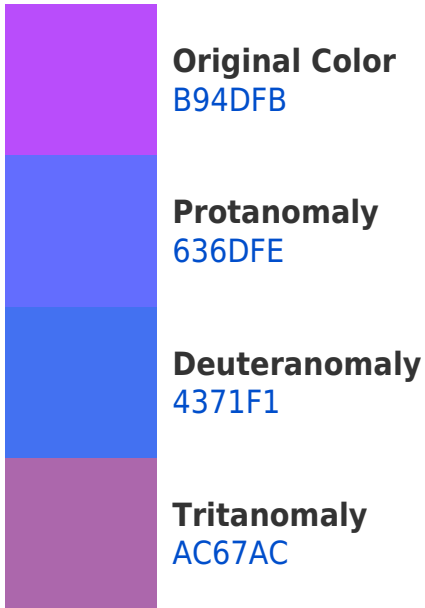
Dichromacy



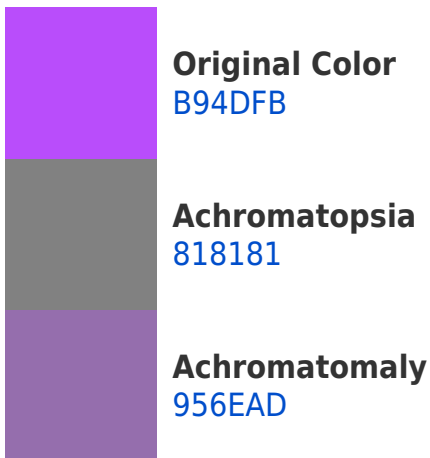


Tritanopia
A4767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B94DFB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B94DFB looks like.

```
.text, #text, p{  
    color:#B94DFB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B94DFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B94DFB
}
```

Border

The CSS property to change the border of an element to Hex B94DFB is called "border". The border property can be set on classes, ids or directly on the HTML element.

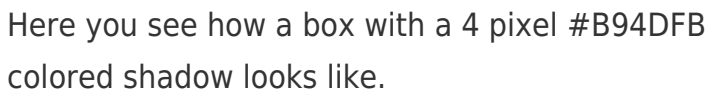
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B94DFB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B94DFB }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B94DFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B94DFB; -webkit-box-shadow:4px 4px  
4px 4px #B94DFB; box-shadow:4px 4px 4px  
4px #B94DFB }
```

Background

The CSS property to change the background color of an element to Hex B94DFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B94DFB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B94DFB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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